

Superior Clay 'New' 24" Brick Oven



Components:

- 36 firebrick for hearth
- 22" dome
- 2 oven wall sections
- 18" entrance tunnel (two pieces)
- HeatStop II - two 10# pails
- Insulating castible - four 35# Bags
- Entrance cover

Additional materials such as brick, stone or block may be needed for base and surround.

INSTRUCTIONS

Building the 24" Superior Clay Oven

1) Build masonry base at least 40" wide by 52" deep, and 38" high for a finished oven floor 42" above the kitchen floor or ground.

The inside of the oven is 24" in diameter and the walls will be about 8" thick so the base should be about 40" wide and 52" front-to-back-to allow for a 12" counter or hearth extension in front of the oven entrance.

2) Cast a 2" thick layer of insulating refractory concrete on top of the base and set the firebrick oven floor directly on the insulating refractory concrete. Oven outside diameter is 32"



3) Set the entrance tunnel (2 pcs) and wall sections (2 pcs) as shown using HeatStop II refractory mortar.

4) Set the 22" oven dome, and the first flue tile all in Heatstop II refractory mortar.

Superior Clay 'New' 24" Brick Oven

5) Parge dome with insulating refractory concrete at least 2" thick. Fill cores of side sections and entrance sections with insulating refractory concrete

6) The oven can be stuccoed, plastered or finished with any non-combustible masonry material such as tile, brick or stone.

7) The 4"x8" flue liner should be enclosed within a chimney with walls at least 4" thick of solid masonry. If the chimney is inside a house it must conform to all applicable codes dealing with clearance to combustibles and height above the roof. If the oven is outside the flue need only be enclosed in masonry as high as is desired and clear of combustibles.



8) An entrance cover for the oven entrance is provided to help keep the oven warm. It can be propped up slightly (to provide combustion air) at the outside of the entrance when a fire is burning in the oven and can be pushed in farther to close off the flue to keep the oven warm longer after the fire has burned out.